

ABSTRACT

A godet for guiding at least one advancing yarn in a yarn processing operation. The godet comprises a tubular casing which is mounted for free rotation on a support by means of a plurality of bearings. At least one of the bearings is a radially operative magnetic bearing, which comprises a rotating part and a stationary part attached to the support, with a bearing gap formed between the parts. The stationary part includes at least one pole element with an excitation winding, and the rotating part is made of at least one laminated component of a magnetizable material which is fixed on the inner side of the tubular casing. The pole element and the laminated component cooperate for guiding a magnetic flux.

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